BRUHATH BANGALORE MAHANAGARA PALIKE
EXECUTIVE ENGINEER
YELAHANKA DIVISION

MASUREMENT SHEETS

1st and Final Bill

Name of Work: Improvements Roads and Drains at Vikasa Badavane Main and Cross Roads in Kempegowda Ward No-01 of Yelahanka Sub Division.

Name of Agency: Sri.G. Venkate Gowda

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements Roads and Drains at Vikasa Badavane Main and Cross Roads in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.G. Venkate Gowda

Item No.	1							
Item Name:	Removing & Refixing stone slabs of drains and pointing in C.M (1:3) (KPWD SR 2018-19, Page No.27, Item No.5.33)							
SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:				28-03-2022 to 30-03-2022				
For Box Drain								
33rd Cross 4th Main Road in Vishweshwaraiah Layout, Maruthinagara								
Both Side	0.00	15.00	2	15.00		1.50	45.00	
	15.00	30.00	2	15.00		1.50	45.00	
	30.00	45.00	2	15.00		1.50	45.00	
	45.00	60.00	2	15.00		1.50	45.00	
	60.00	75.00	2	15.00		1.50	45.00	
	75.00	90.00	2	15.00		1.50	45.00	
	90.00	105.00	2	15.00		1.50	45.00	
	105.00	120.00	2	15.00		1.50	45.00	
			-2	8.00		1.50	-24.00	
Drain Covering Slab								
1st Cross Road from 4th Main Road to Dead end in Maruthinagara								
LHS	0.00	15.00	1	15.00	0.75		11.25	
	15.00	30.00	1	15.00	0.75		11.25	
	30.00	45.00	1	15.00	0.75		11.25	
	45.00	60.00	1	15.00	0.75		11.25	
	60.00	64.70	1	4.70	0.75		3.53	

A.E.E

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
RHS	0.00	15.00	1	15.00	0.75		11.25	
	15.00	30.00	1	15.00	0.75		11.25	
	30.00	45.00	1	15.00	0.75		11.25	
	45.00	60.00	1	15.00	0.75		11.25	
	60.00	64.70	1	4.70	0.75		3.53	
			-35	0.75	0.60		-15.75	
3rd Cross Road from 4th Main Road to Dead end in Maruthinagara								
LHS	0.00	15.00	1	15.00	0.75		11.25	
	15.00	30.00	1	15.00	0.75		11.25	
	30.00	45.00	1	15.00	0.75		11.25	
	45.00	60.00	1	15.00	0.75		11.25	
	60.00	75.00	1	15.00	0.75		11.25	
	75.00	90.00	1	15.00	0.75		11.25	
	90.00	105.00	1	15.00	0.75		11.25	
	105.00	120.00	1	15.00	0.75		11.25	
	120.00	127.20	1	7.20	0.75		5.40	
	127.20	127.20	1	0.00	0.75		0.00	
	127.20	142.20	1	15.00	0.75		11.25	
	142.20	157.20	1	15.00	0.75		11.25	
	157.20	168.10	1	10.90	0.75		8.18	
RHS	0.00	15.00	1	15.00	0.75		11.25	
	15.00	30.00	1	15.00	0.75		11.25	
	30.00	45.00	1	15.00	0.75		11.25	
	45.00	60.00	1	15.00	0.75		11.25	
	60.00	75.00	1	15.00	0.75		11.25	
	75.00	90.00	1	15.00	0.75		11.25	
	90.00	105.00	1	15.00	0.75		11.25	
	105.00	120.00	1	15.00	0.75		11.25	
	120.00	127.20	1	7.20	0.75		5.40	
	127.20	127.20	1	0.00	0.75		0.00	
	127.20	142.20	1	15.00	0.75		11.25	
	142.20	157.20	1	15.00	0.75		11.25	
	157.20	168.10	1	10.90	0.75		8.18	
			-86	0.75	0.60		-38.70	

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
5th Main Road Upto 5th Cross Road in Maruthinagara								
LHS	0.00	15.00	1	15.00	0.75		11.25	
	15.00	27.90	1	12.90	0.75		9.68	
	27.90	34.70	1	6.80				3rd Cross
	34.70	34.70	1	0.00	0.75		0.00	
	34.70	49.70	1	15.00	0.75		11.25	
	49.70	58.30	1	8.60	0.75		6.45	
	58.30	64.10	1	5.80				4th Cross
	64.10	64.10	1	0.00	0.75		0.00	
	64.10	79.10	1	15.00	0.75		11.25	
	79.10	95.10	1	16.00	0.75		12.00	
RHS	0.00	15.00	1	15.00	0.75		11.25	
	15.00	27.90	1	12.90	0.75		9.68	
	27.90	34.70	1	6.80				3rd Cross
	34.70	34.70	1	0.00	0.75		0.00	
	34.70	49.70	1	15.00	0.75		11.25	
	49.70	58.30	1	8.60	0.75		6.45	
	58.30	64.10	1	5.80				4th Cross
	64.10	64.10	1	0.00	0.75		0.00	
	64.10	79.10	1	15.00	0.75		11.25	
	79.10	95.10	1	16.00	0.75		12.00	
			-55	0.75	0.60		-24.75	
5th Cross Road from Dead end to 5th Main Road in Maruthinagara								
LHS	0.00	15.00	1	15.00	0.75		11.25	
	15.00	30.00	1	15.00	0.75		11.25	
	30.00	45.00	1	15.00	0.75		11.25	
	45.00	60.00	1	15.00	0.75		11.25	
	60.00	75.00	1	15.00	0.75		11.25	
	75.00	90.00	1	15.00	0.75		11.25	
	90.00	105.00	1	15.00	0.75		11.25	
	105.00	121.00	1	16.00	0.75		12.00	
RHS	0.00	15.00	1	15.00	0.75		11.25	

C&FC.

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

SL NO	CHAINAGE		NO	L	Avg B	Avg D	QTY	REMARKS
				(m)	(m)	(m)		
	15.00	30.00	1	15.00	0.75		11.25	
	30.00	45.00	1	15.00	0.75		11.25	
	45.00	60.00	1	15.00	0.75		11.25	
	60.00	75.00	1	15.00	0.75		11.25	
	75.00	90.00	1	15.00	0.75		11.25	
	90.00	105.00	1	15.00	0.75		11.25	
	105.00	121.00	1	16.00	0.75		12.00	
			-45	0.75	0.60		-20.25	
	Total Quantity						891.00	Sqm
	Quantity Carried to Summary						891.00	Sqm

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub Djvision
BBMP

Asst. Executive Engineer
Yelahanka Sub. Division
BBMP Ynk. Zone
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements Roads and Drains at Vikasa Badavane Main and Cross Roads in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.G. Venkate Gowda

Item No.	2							
Item Name:	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (KPWD SR 2018-19, Page No.143, Item No.19.1)							

SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:			29-03-2022 to 31-03-2022					
Drain Desilting								
33rd Cross 4th Main Road in Vishweshwaraiah Layout, Maruthinagara								
Both Side	0.00	15.00	2	15.00	0.60	0.35	6.30	
	15.00	30.00	2	15.00	0.60	0.35	6.30	
	30.00	45.00	2	15.00	0.60	0.45	8.10	
	45.00	60.00	2	15.00	0.60	0.40	7.20	
	60.00	75.00	2	15.00	0.60	0.35	6.30	
	75.00	90.00	2	15.00	0.60	0.30	5.40	
	90.00	105.00	2	15.00	0.60	0.40	7.20	
	105.00	120.00	2	15.00	0.60	0.35	6.30	
1st Cross Road from 4th Main Road to Dead end in Maruthinagara								
LHS	0.00	15.00	1	15.00	0.60	0.35	3.15	
	15.00	30.00	1	15.00	0.60	0.30	2.70	
	30.00	45.00	1	15.00	0.60	0.45	4.05	
	45.00	60.00	1	15.00	0.60	0.40	3.60	
	60.00	64.70	1	4.70	0.60	0.40	1.13	

C & PC

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
RHS	0.00	15.00	1	15.00	0.60	0.40	3.60	
	15.00	30.00	1	15.00	0.60	0.45	4.05	
	30.00	45.00	1	15.00	0.60	0.35	3.15	
	45.00	60.00	1	15.00	0.60	0.30	2.70	
	60.00	64.70	1	4.70	0.60	0.40	1.13	
3rd Cross Road from 4th Main Road to Dead end in Maruthinagara								
LHS	0.00	15.00	1	15.00	0.60	0.45	4.05	
	15.00	30.00	1	15.00	0.60	0.40	3.60	
	30.00	45.00	1	15.00	0.60	0.40	3.60	
	45.00	60.00	1	15.00	0.60	0.35	3.15	
	60.00	75.00	1	15.00	0.60	0.35	3.15	
	75.00	90.00	1	15.00	0.60	0.30	2.70	
	90.00	105.00	1	15.00	0.60	0.45	4.05	
	105.00	120.00	1	15.00	0.60	0.40	3.60	
	120.00	127.20	1	7.20	0.60	0.35	1.51	
	127.20	127.20	1	0.00	0.60	0.40	0.00	
	127.20	142.20	1	15.00	0.60	0.40	3.60	
	142.20	157.20	1	15.00	0.60	0.45	4.05	
	157.20	168.10	1	10.90	0.60	0.30	1.96	
RHS	0.00	15.00	1	15.00	0.60	0.35	3.15	
	15.00	30.00	1	15.00	0.60	0.30	2.70	
	30.00	45.00	1	15.00	0.60	0.45	4.05	
	45.00	60.00	1	15.00	0.60	0.40	3.60	
	60.00	75.00	1	15.00	0.60	0.45	4.05	
	75.00	90.00	1	15.00	0.60	0.50	4.50	
	90.00	105.00	1	15.00	0.60	0.35	3.15	
	105.00	120.00	1	15.00	0.60	0.35	3.15	
	120.00	127.20	1	7.20	0.60	0.30	1.30	
	127.20	127.20	1	0.00	0.60	0.45	0.00	
	127.20	142.20	1	15.00	0.60	0.40	3.60	
	142.20	157.20	1	15.00	0.60	0.35	3.15	
	157.20	168.10	1	10.90	0.60	0.30	1.96	
5th Main Road Upto 5th Cross Road in Maruthinagara								

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
LHS	0.00	15.00	1	15.00	0.60	0.45	4.05	
	15.00	27.90	1	12.90	0.60	0.45	3.48	
	27.90	34.70	1	6.80				3rd Cross
	34.70	34.70	1	0.00	0.60	0.30	0.00	
	34.70	49.70	1	15.00	0.60	0.30	2.70	
	49.70	58.30	1	8.60	0.60	0.45	2.32	
	58.30	64.10	1	5.80				4th Cross
	64.10	64.10	1	0.00	0.60	0.40	0.00	
	64.10	79.10	1	15.00	0.60	0.40	3.60	
	79.10	95.10	1	16.00	0.60	0.45	4.32	
RHS	0.00	15.00	1	15.00	0.60	0.35	3.15	
	15.00	27.90	1	12.90	0.60	0.30	2.32	
	27.90	34.70	1	6.80				3rd Cross
	34.70	34.70	1	0.00	0.60	0.45	0.00	
	34.70	49.70	1	15.00	0.60	0.40	3.60	
	49.70	58.30	1	8.60	0.60	0.40	2.06	
	58.30	64.10	1	5.80				4th Cross
	64.10	64.10	1	0.00	0.60	0.35	0.00	
	64.10	79.10	1	15.00	0.60	0.40	3.60	
	79.10	95.10	1	16.00	0.60	0.40	3.84	
5th Cross Road from Dead end to 5th Main Road in Maruthinagara								
LHS	0.00	15.00	1	15.00	0.60	0.45	4.05	
	15.00	30.00	1	15.00	0.60	0.40	3.60	
	30.00	45.00	1	15.00	0.60	0.40	3.60	
	45.00	60.00	1	15.00	0.60	0.35	3.15	
	60.00	75.00	1	15.00	0.60	0.45	4.05	
	75.00	90.00	1	15.00	0.60	0.45	4.05	
	90.00	105.00	1	15.00	0.60	0.35	3.15	
	105.00	121.00	1	16.00	0.60	0.30	2.88	
RHS	0.00	15.00	1	15.00	0.60	0.45	4.05	
	15.00	30.00	1	15.00	0.60	0.40	3.60	
	30.00	45.00	1	15.00	0.60	0.40	3.60	
	45.00	60.00	1	15.00	0.60	0.35	3.15	

C & FC

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

SL NO	CHAINAGE		NO	L	Avg B	Avg D	QTY	REMARKS
				(m)	(m)	(m)		
	60.00	75.00	1	15.00	0.60	0.40	3.60	
	75.00	90.00	1	15.00	0.60	0.45	4.05	
	90.00	105.00	1	15.00	0.60	0.40	3.60	
	105.00	121.00	1	16.00	0.60	0.35	3.36	
	Total Quantity						256.33	Cum.
	Quantity Carried to Summary						256.33	Cum

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub Division
BBMP

Executive Engineer
(Sub. Divison
Yelahanka (BBMP Pmk. Zo)
Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements Roads and Drains at Vikasa Badavane Main and Cross Roads in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.G. Venkate Gowda

Item No.	3							
Item Name:	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 (KPWD SR 2018-19, Page No.13, Item No.4.6)							
SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:				05-04-2022 to 11-04-2022				
For Coping								
	1st Cross Road from 4th Main Road to Dead end in Maruthinagara							
LHS	0.00	15.00	2	15.00	0.15	0.075	0.34	
	15.00	30.00	2	15.00	0.15	0.075	0.34	
	30.00	45.00	2	15.00	0.15	0.075	0.34	
	45.00	60.00	2	15.00	0.15	0.075	0.34	
	60.00	64.70	2	4.70	0.15	0.075	0.11	
RHS	0.00	15.00	2	15.00	0.15	0.075	0.34	
	15.00	30.00	2	15.00	0.15	0.075	0.34	
	30.00	45.00	2	15.00	0.15	0.075	0.34	
	45.00	60.00	2	15.00	0.15	0.075	0.34	
	60.00	64.70	2	4.70	0.15	0.075	0.11	
	3rd Cross Road from 4th Main Road to Dead end in Maruthinagara							
LHS	0.00	15.00	2	15.00	0.15	0.075	0.34	
	15.00	30.00	2	15.00	0.15	0.075	0.34	
	30.00	45.00	2	15.00	0.15	0.075	0.34	
	45.00	60.00	2	15.00	0.15	0.075	0.34	

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer
Yelahanka Sub. Divison
Zn)

SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
RHS	0.00	15.00	2	15.00	0.15	0.075	0.34	
	15.00	27.90	2	12.90	0.15	0.075	0.29	
	27.90	34.70	2	6.80				3rd Cross
	34.70	34.70	2	0.00	0.15	0.075	0.00	
	34.70	49.70	2	15.00	0.15	0.075	0.34	
	49.70	58.30	2	8.60	0.15	0.075	0.19	
	58.30	64.10	2	5.80				4th Cross
	64.10	64.10	2	0.00	0.15	0.075	0.00	
	64.10	79.10	2	15.00	0.15	0.075	0.34	
	79.10	95.10	2	16.00	0.15	0.075	0.36	
5th Cross Road from Dead end to 5th Main Road in Maruthinagara								
LHS	0.00	15.00	2	15.00	0.15	0.075	0.34	
	15.00	30.00	2	15.00	0.15	0.075	0.34	
	30.00	45.00	2	15.00	0.15	0.075	0.34	
	45.00	60.00	2	15.00	0.15	0.075	0.34	
	60.00	75.00	2	15.00	0.15	0.075	0.34	
	75.00	90.00	2	15.00	0.15	0.075	0.34	
	90.00	105.00	2	15.00	0.15	0.075	0.36	
	105.00	121.00	2	16.00	0.15	0.075		
RHS	0.00	15.00	2	15.00	0.15	0.075	0.34	
	15.00	30.00	2	15.00	0.15	0.075	0.34	
	30.00	45.00	2	15.00	0.15	0.075	0.34	
	45.00	60.00	2	15.00	0.15	0.075	0.34	
	60.00	75.00	2	15.00	0.15	0.075	0.34	
	75.00	90.00	2	15.00	0.15	0.075	0.34	
	90.00	105.00	2	15.00	0.15	0.075	0.34	
	105.00	121.00	2	16.00	0.15	0.075	0.36	
	Total Quantity						**19.63**	**Cum**
	Quanity Limit to						**18.00**	**Cum**
	Quantity Carried to Summary						**18.00**	**Cum**

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn.)
Yelahanka, Bangalore

Asst. Executive Engineer
Yelahanka Sub. Division
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements Roads and Drains at Vikasa Badavane Main and Cross Roads in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.G. Venkate Gowda

Item No.	4							
Item Name:	Providing precast slab of 100 mm thick including cost of all materials, labour, curing,transportation,loading ,unloading,etc.,complete as per the direction of engineer in charge Data Rate							
SL NO	**CHAINAGE**	**NO**	**L (m)**	**Avg B (m)**	**Avg D (m)**		**QTY**	**REMARKS**
Pre-Measurement Recorded On:			07-04-2022 to 15-04-2022					
Drain Covering Slab								
1st Cross Road from 4th Main Road to Dead end in Maruthinagara								
			35	0.75	0.60		15.75	
3rd Cross Road from 4th Main Road to Dead end in Maruthinagara								
			86	0.75	0.60		38.70	
5th Main Road Upto 5th Cross Road in Maruthinagara								
			55	0.75	0.60		24.75	
5th Cross Road from Dead end to 5th Main Road in Maruthinagara								
			44	0.75	0.60		19.80	
	Total Quantity						99.00	Sqm
	Quantity Carried to Summary						99.00	Sqm

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub. Divison.
(BBMP Trnk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer
Yelahanka Sub Division
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements Roads and Drains at Vikasa Badavane Main and Cross Roads in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.G. Venkate Gowda

Item No.	5

Item Name:	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications. MORTH Specification No.301 (KPWD SR 2018-19, Page No.143, Item No.19.14)

SL NO	CHAINAGE	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:			18-04-2022 to 22-04-2022						
For Bad Reaches									
33rd Cross 4th Main Road in Vishweshwaraiah Layout, Maruthinagara									
			1	3.00	1.50	1.50	1.50	0.20	0.90
			1	2.00	1.50	1.50	1.50	0.20	0.60
			1	3.00	1.00	1.00	1.00	0.20	0.60
			1	1.50	1.50	1.50	1.50	0.20	0.45
			1	2.00	1.00	1.00	1.00	0.20	0.40
1st Cross Road from 4th Main Road to Dead end in Maruthinagara									
			1	3.00	1.00	1.00	1.00	0.20	0.60
			1	2.50	1.50	1.50	1.50	0.20	0.75
			1	4.00	1.25	1.25	1.25	0.20	1.00
			1	3.00	1.30	1.30	1.30	0.20	0.78
			1	3.00	1.20	1.20	1.20	0.20	0.72
3rd Cross Road from 4th Main Road to Dead end in Maruthinagara									
			1	3.00	1.50	1.50	1.50	0.20	0.90
			1	5.00	1.50	1.50	1.50	0.20	1.50
			1	2.50	2.50	2.50	2.50	0.20	1.25
			1	2.50	2.00	2.00	2.00	0.20	1.00
			1	2.50	2.00	2.00	2.00	0.20	1.00
			1	3.00	1.50	1.50	1.50	0.20	0.90
			1	2.50	1.25	1.25	1.25	0.20	0.63
			1	2.00	1.50	1.50	1.50	0.20	0.60
			1	2.50	2.50	2.50	2.50	0.20	1.25

C&FC

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka

SL NO	CHAINAGE		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
5th Main Road Upto 5th Cross Road in Maruthinagara										
			1	3.00	2.00	2.00	2.00	0.20	1.20	
			1	2.00	1.50	1.50	1.50	0.20	0.60	
			1	1.50	1.00	1.00	1.00	0.20	0.30	
			1	2.00	1.00	1.00	1.00	0.20	0.40	
			1	5.00	3.00	3.00	3.00	0.20	3.00	
			1	2.50	2.50	2.50	2.50	0.20	1.25	
For Reconstruction										
33rd Cross 4th Main Road in Vishweshwaraiah Layout, Maruthinagara										
	0.00	15.00	1	15.00	5.20	5.40	5.30	0.40	31.80	
	15.00	30.00	1	15.00	5.40	5.45	5.43	0.40	32.55	
	30.00	35.00	1	5.00	5.45	5.40	5.43	0.40	10.85	
	Total Quantity								97.78	Cum
	Quantity Carried to Summary								97.78	Cum

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements Roads and Drains at Vikasa Badavane Main and Cross Roads in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.G. Venkate Gowda

Item No.	6								
Item Name:	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications. MORTH / Chapter 3 (KPWD SR 2018-19, Page No.147, Item No.19.64)								
SL NO	CHAINAGE		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:				20-04-2022						
For Reconstruction										
33rd Cross 4th Main Road in Vishweshwaraiah Layout, Maruthinagara										
	0.00	15.00	1	15.00	5.20	5.40	5.30		79.50	
	15.00	30.00	1	15.00	5.40	5.45	5.43		81.38	
	30.00	35.00	1	5.00	5.45	5.40	5.43		27.13	
	Total Quantity								188.00	Sqm
	Quanity Limit to								175.00	Sqm
	Quantity Carried to Summary								175.00	Sqm

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub Division
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements Roads and Drains at Vikasa Badavane Main and Cross Roads in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.G. Venkate Gowda

Item No.	7									
Item Name:	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision. (KPWD SR 2018-19, Page No.153, Item No.20.5)									
SL NO	CHAINAGE	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS	
Measurement Recorded On.			22-04-2022 to 28-04-2022							
For Bad Reaches										
33rd Cross 4th Main Road in Vishweshwaraiah Layout, Maruthinagara										
			1	3.00	1.50	1.50	1.50	0.10	0.45	
			1	2.00	1.50	1.50	1.50	0.10	0.30	
			1	3.00	1.00	1.00	1.00	0.10	0.30	
			1	1.50	1.50	1.50	1.50	0.10	0.23	
			1	2.00	1.00	1.00	1.00	0.10	0.20	
1st Cross Road from 4th Main Road to Dead end in Maruthinagara										
			1	3.00	1.00	1.00	1.00	0.10	0.30	
			1	2.50	1.50	1.50	1.50	0.10	0.38	
			1	4.00	1.25	1.25	1.25	0.10	0.50	
			1	3.00	1.30	1.30	1.30	0.10	0.39	
			1	3.00	1.20	1.20	1.20	0.10	0.36	
3rd Cross Road from 4th Main Road to Dead end in Maruthinagara										
			1	3.00	1.50	1.50	1.50	0.10	0.45	
			1	5.00	1.50	1.50	1.50	0.10	0.75	
			1	2.50	2.50	2.50	2.50	0.10	0.63	
			1	2.50	2.00	2.00	2.00	0.10	0.50	
			1	2.50	2.00	2.00	2.00	0.10	0.50	
			1	3.00	1.50	1.50	1.50	0.10	0.45	
			1	2.50	1.25	1.25	1.25	0.10	0.31	
			1	2.00	1.50	1.50	1.50	0.10	0.30	
			1	2.50	2.50	2.50	2.50	0.10	0.63	

C&FC

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

SL NO	CHAINAGE		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
5th Main Road Upto 5th Cross Road in Maruthinagara										
			1	3.00	2.00	2.00	2.00	0.10	0.60	
			1	2.00	1.50	1.50	1.50	0.10	0.30	
			1	1.50	1.00	1.00	1.00	0.10	0.15	
			1	2.00	1.00	1.00	1.00	0.10	0.20	
			1	5.00	3.00	3.00	3.00	0.10	1.50	
			1	2.50	2.50	2.50	2.50	0.10	0.63	
For Reconstruction										
33rd Cross 4th Main Road in Vishweshwaraiah Layout, Maruthinagara										
	0.00	15.00	1	15.00	5.20	5.40	5.30	0.15	11.93	
	15.00	30.00	1	15.00	5.40	5.45	5.43	0.15	12.21	
	30.00	35.00	1	5.00	5.45	5.40	5.43	0.15	4.07	
	Total Quantity								39.49	Cum
	Quantity Carried to Summary								39.49	Cum

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub Division
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements Roads and Drains at Vikasa Badavane Main and Cross Roads in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.G. Venkate Gowda

Item No.	8
Item Name:	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete' as per specifications. MORTH Specification No. 406 (KPWD SR 2018-19, Page No.155, Item No.20.18)

SL NO	CHAINAGE	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:			25-04-2022 to 04-05-2022						
For Bad Reaches									
33rd Cross 4th Main Road in Vishweshwaraiah Layout, Maruthinagara									
			1	3.00	1.50	1.50	1.50	0.15	0.68
			1	2.00	1.50	1.50	1.50	0.15	0.45
			1	3.00	1.00	1.00	1.00	0.15	0.45
			1	1.50	1.50	1.50	1.50	0.15	0.34
			1	2.00	1.00	1.00	1.00	0.15	0.30
1st Cross Road from 4th Main Road to Dead end in Maruthinagara									
			1	3.00	1.00	1.00	1.00	0.15	0.45
			1	2.50	1.50	1.50	1.50	0.15	0.56
			1	4.00	1.25	1.25	1.25	0.15	0.75
			1	3.00	1.30	1.30	1.30	0.15	0.59
			1	3.00	1.20	1.20	1.20	0.15	0.54
3rd Cross Road from 4th Main Road to Dead end in Maruthinagara									
			1	3.00	1.50	1.50	1.50	0.15	0.68
			1	5.00	1.50	1.50	1.50	0.15	1.13
			1	2.50	2.50	2.50	2.50	0.15	0.94
			1	2.50	2.00	2.00	2.00	0.15	0.75
			1	2.50	2.00	2.00	2.00	0.15	0.75
			1	3.00	1.50	1.50	1.50	0.15	0.68
			1	2.50	1.25	1.25	1.25	0.15	0.47
			1	2.00	1.50	1.50	1.50	0.15	0.45
			1	2.50	2.50	2.50	2.50	0.15	0.94

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

SL NO	CHAINAGE		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
5th Main Road Upto 5th Cross Road in Maruthinagara										
			1	3.00	2.00	2.00	2.00	0.15	0.90	
			1	2.00	1.50	1.50	1.50	0.15	0.45	
			1	1.50	1.00	1.00	1.00	0.15	0.23	
			1	2.00	1.00	1.00	1.00	0.15	0.30	
			1	5.00	3.00	3.00	3.00	0.15	2.25	
			1	2.50	2.50	2.50	2.50	0.15	0.94	
For Reconstruction										
33rd Cross 4th Main Road in Vishweshwaraiah Layout, Maruthinagara										
	0.00	15.00	1	15.00	5.20	5.40	5.30	0.20	15.90	
	15.00	30.00	1	15.00	5.40	5.45	5.43	0.20	16.28	
	30.00	35.00	1	5.00	5.45	5.40	5.43	0.20	5.43	
	Total Quantity								54.53	Cum
	Quantity Carried to Summary								54.53	Cum

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Yak Zone)
Yelahanka, Bangalore
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements Roads and Drains at Vikasa Badavane Main and Cross Roads in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.G. Venkate Gowda

Item No.	9
Item Name:	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. Clause 502 of MORTH V revision (KPWD SR 2018-19, Page No.158, Item No.21.6)

SL NO	CHAINAGE	NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:			16-05-2022						
For Bad Reaches									
33rd Cross 4th Main Road in Vishweshwaraiah Layout, Maruthinagara									
			1	3.00	1.50	1.50	1.50		4.50
			1	2.00	1.50	1.50	1.50		3.00
			1	3.00	1.00	1.00	1.00		3.00
			1	1.50	1.50	1.50	1.50		2.25
			1	2.00	1.00	1.00	1.00		2.00
1st Cross Road from 4th Main Road to Dead end in Maruthinagara									
			1	3.00	1.00	1.00	1.00		3.00
			1	2.50	1.50	1.50	1.50		3.75
			1	4.00	1.25	1.25	1.25		5.00
			1	3.00	1.30	1.30	1.30		3.90
			1	3.00	1.20	1.20	1.20		3.60
3rd Cross Road from 4th Main Road to Dead end in Maruthinagara									
			1	3.00	1.50	1.50	1.50		4.50
			1	5.00	1.50	1.50	1.50		7.50
			1	2.50	2.50	2.50	2.50		6.25
			1	2.50	2.00	2.00	2.00		5.00
			1	2.50	2.00	2.00	2.00		5.00
			1	3.00	1.50	1.50	1.50		4.50
			1	2.50	1.25	1.25	1.25		3.13
			1	2.00	1.50	1.50	1.50		3.00
			1	2.50	2.50	2.50	2.50		6.25

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

SL NO	CHAINAGE		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
5th Main Road Upto 5th Cross Road in Maruthinagara										
			1	3.00	2.00	2.00	2.00		6.00	
			1	2.00	1.50	1.50	1.50		3.00	
			1	1.50	1.00	1.00	1.00		1.50	
			1	2.00	1.00	1.00	1.00		2.00	
			1	5.00	3.00	3.00	3.00		15.00	
			1	2.50	2.50	2.50	2.50		6.25	
For Reconstruction										
33rd Cross 4th Main Road in Vishweshwaraiah Layout, Maruthinagara										
	0.00	15.00	1	15.00	5.20	5.40	5.30		79.50	
	15.00	30.00	1	15.00	5.40	5.45	5.43		81.38	
	30.00	35.00	1	5.00	5.45	5.40	5.43		27.13	
	Total Quantity								300.88	Sqm
	Quantity Carried to Summary								300.88	Sqm

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements Roads and Drains at Vikasa Badavane Main and Cross Roads in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.G. Venkate Gowda

Item No.	10
Item Name:	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per specifications. Clause 501 of MORTH V revision (KPWD SR 2018-19, Page No.158, Item No.21.2)

SL NO	CHAINAGE		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:				16-05-2022 to 17-05-2022						
Existing Road										
33rd Cross 4th Main Road in Vishweshwaraiah Layout, Maruthinagara										
	0.00	15.00	1	15.00	5.20	5.40	5.30		79.50	
	15.00	30.00	1	15.00	5.40	5.45	5.43		81.38	
	30.00	45.00	1	15.00	5.45	5.40	5.43		81.38	
	45.00	60.00	1	15.00	5.40	5.30	5.35		80.25	
	60.00	75.00	1	15.00	5.30	5.30	5.30		79.50	
	75.00	90.00	1	15.00	5.30	5.50	5.40		81.00	
	90.00	105.00	1	15.00	5.50	5.50	5.50		82.50	
	105.00	120.00	1	15.00	5.50	5.35	5.43		81.38	
1st Cross Road from 4th Main Road to Dead end in Maruthinagara										
	0.00	15.00	1	15.00	3.70	3.55	3.63		54.38	
	15.00	30.00	1	15.00	3.55	3.40	3.48		52.13	
	30.00	45.00	1	15.00	3.40	3.00	3.20		48.00	
	45.00	60.00	1	15.00	3.00	3.90	3.45		51.75	
	60.00	64.70	1	4.70	3.90	3.90	3.90		18.33	
3rd Cross Road from 4th Main Road to Dead end in Maruthinagara										
	0.00	15.00	1	15.00	4.10	3.40	3.75		56.25	
	15.00	30.00	1	15.00	3.40	4.00	3.70		55.50	
	30.00	45.00	1	15.00	4.00	3.60	3.80		57.00	
	45.00	60.00	1	15.00	3.60	3.20	3.40		51.00	
	60.00	75.00	1	15.00	3.20	4.35	3.78		56.63	
	75.00	90.00	1	15.00	4.35	3.70	4.03		60.38	
	90.00	105.00	1	15.00	3.70	4.20	3.95		59.25	

C&FC

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

SL NO	CHAINAGE		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
	105.00	120.00	1	15.00	4.20	4.00	4.10		61.50	
	120.00	127.20	1	7.20	4.00	4.20	4.10		29.52	
	127.20	127.20	1	0.00	4.20	5.80	5.00		0.00	
	127.20	142.20	1	15.00	5.80	5.40	5.60		84.00	
	142.20	157.20	1	15.00	5.40	5.00	5.20		78.00	
	157.20	168.10	1	10.90	5.00	3.40	4.20		45.78	
5th Main Road Upto 5th Cross Road in Maruthinagara										
	0.00	15.00	1	15.00	4.90	4.60	4.75		71.25	
	15.00	27.90	1	12.90	4.60	5.00	4.80		61.92	
	27.90	34.70	1	6.80						3rd Cross
	34.70	34.70	1	0.00	4.70	4.70	4.70		0.00	
	34.70	49.70	1	15.00	4.70	4.25	4.48		67.13	
	49.70	58.30	1	8.60	4.25	4.20	4.23		36.34	
	58.30	64.10	1	5.80						4th Cross
	64.10	64.10	1	0.00	3.60	3.60	3.60		0.00	
	64.10	79.10	1	15.00	3.60	4.20	3.90		58.50	
	79.10	95.10	1	16.00	4.20	4.20	4.20		67.20	
5th Cross Road from Dead end to 5th Main Road in Maruthinagara										
	0.00	15.00	1	15.00	4.00	4.10	4.05		60.75	
	15.00	30.00	1	15.00	4.10	4.00	4.05		60.75	
	30.00	45.00	1	15.00	4.00	4.25	4.13		61.88	
	45.00	60.00	1	15.00	4.25	3.80	4.03		60.38	
	60.00	75.00	1	15.00	3.80	3.75	3.78		56.63	
	75.00	90.00	1	15.00	3.75	4.15	3.95		59.25	
	90.00	105.00	1	15.00	4.15	4.00	4.08		61.13	
	105.00	120.00	1	15.00	4.00	3.60	3.80		57.00	
	120.00	135.00	1	15.00	3.60	4.00	3.80		57.00	
	135.00	150.00	1	15.00	4.00	4.00	4.00		60.00	
	150.00	165.00	1	15.00	4.00	4.50	4.25		63.75	
	165.00	168.00	1	3.00	4.50	4.00	4.25		12.75	
						Deduction for Primer Coat			-188.00	
	Total Quantity								2411.84	Sqm
	Quantity Carried to Summary								2411.84	Sqm

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub Division
BBMP, Bangalore

BRUHAT BANGALORE MA[redacted]ALIKE

Executive Engineer, Yel[redacted]n

Name of Work: Improvements Roads and Drains at Vikasa[redacted]n and Cross Roads in Kempegowda Ward No-01 of Yelahanl[redacted]

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.G. Venkate Gowda

Item No.	11									
Item Name:	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 505 of MORTH V revision - do - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen (KPWD SR 2018-19, Page No.160, Item No.21.17.6)									

SL NO	CHAINAGE		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:				16-05-2022						
For Dipression Filling & Profile Correction										
33rd Cross 4th Main Road in Vishweshwaraiah Layout, Maruthinagara										
	30.00	45.00	2	15.00	2.00	2.00	2.00	0.05	3.00	
	45.00	60.00	2	15.00	2.00	2.00	2.00	0.05	3.00	
	60.00	75.00	2	15.00	2.00	2.00	2.00	0.05	3.00	
	75.00	90.00	2	15.00	2.00	2.00	2.00	0.05	3.00	
	90.00	105.00	2	15.00	2.00	2.00	2.00	0.05	3.00	
	105.00	120.00	2	15.00	2.00	2.00	2.00	0.05	3.00	
1st Cross Road from 4th Main Road to Dead end in Maruthinagara										
	0.00	15.00	2	15.00	1.00	1.00	1.00	0.05	1.50	
	15.00	30.00	2	15.00	1.00	1.00	1.00	0.05	1.50	
	30.00	45.00	2	15.00	1.00	1.00	1.00	0.05	1.50	
	45.00	60.00	2	15.00	1.00	1.00	1.00	0.05	1.50	
	60.00	64.70	2	4.70	1.00	1.00	1.00	0.05	0.47	
3rd Cross Road from 4th Main Road to Dead end in Maruthinagara										
	0.00	15.00	2	15.00	1.50	1.50	1.50	0.05	2.25	
	15.00	30.00	2	15.00	1.50	1.50	1.50	0.05	2.25	
	30.00	45.00	2	15.00	1.50	1.50	1.50	0.05	2.25	
	45.00	60.00	2	15.00	1.50	1.50	1.50	0.05	2.25	
	60.00	75.00	2	15.00	1.50	1.50	1.50	0.05	2.25	
	75.00	90.00	2	15.00	1.50	1.50	1.50	0.05	2.25	
	90.00	105.00	2	15.00	1.50	1.50	1.50	0.05	2.25	
	105.00	120.00	2	15.00	1.50	1.50	1.50	0.05	2.25	

C.S.F.C

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

SL NO	CHAINAGE		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
	120.00	127.20	2	7.20	1.50	1.50	1.50	0.05	1.08	
	127.20	127.20	2	0.00	1.50	1.50	1.50	0.05	0.00	
	127.20	142.20	2	15.00	2.00	2.00	2.00	0.05	3.00	
	142.20	157.20	2	15.00	1.80	1.80	1.80	0.05	2.70	
	157.20	168.10	2	10.90	1.50	1.50	1.50	0.05	1.64	
5th Main Road Upto 5th Cross Road in Maruthinagara										
	0.00	15.00	2	15.00	1.50	1.50	1.50	0.05	2.25	
	15.00	27.90	2	12.90	1.50	1.50	1.50	0.05	1.94	
	27.90	34.70	2	6.80						3rd Cross
	34.70	34.70	2	0.00	1.50	1.50	1.50	0.05	0.00	
	34.70	49.70	2	15.00	1.50	1.50	1.50	0.05	2.25	
	49.70	58.30	2	8.60	1.50	1.50	1.50	0.05	1.29	
	58.30	64.10	2	5.80						4th Cross
	64.10	64.10	2	0.00	1.50	1.50	1.50	0.05	0.00	
	64.10	79.10	2	15.00	1.50	1.50	1.50	0.05	2.25	
	79.10	95.10	2	16.00	1.50	1.50	1.50	0.05	2.40	
5th Cross Road from Dead end to 5th Main Road in Maruthinagara										
	0.00	15.00	2	15.00	1.50	1.50	1.50	0.05	2.25	
	15.00	30.00	2	15.00	1.50	1.50	1.50	0.05	2.25	
	30.00	45.00	2	15.00	1.50	1.50	1.50	0.05	2.25	
	45.00	60.00	2	15.00	1.50	1.50	1.50	0.05	2.25	
	60.00	75.00	2	15.00	1.50	1.50	1.50	0.05	2.25	
	75.00	90.00	2	15.00	1.50	1.50	1.50	0.05	2.25	
	90.00	105.00	2	15.00	1.50	1.50	1.50	0.05	2.25	
	105.00	120.00	2	15.00	1.50	1.50	1.50	0.05	2.25	
	120.00	135.00	2	15.00	1.50	1.50	1.50	0.05	2.25	
	135.00	150.00	2	15.00	1.50	1.50	1.50	0.05	2.25	
	150.00	165.00	2	15.00	1.50	1.50	1.50	0.05	2.25	
	165.00	168.00	2	3.00	1.50	1.50	1.50	0.05	0.45	
For Reconstruction										
33rd Cross 4th Main Road in Vishweshwaraiah Layout, Maruthinagara										
	0.00	15.00	1	15.00	5.20	5.40	5.30	0.05	3.98	
	15.00	30.00	1	15.00	5.40	5.45	5.43	0.05	4.07	
	30.00	35.00	1	5.00	5.45	5.40	5.43	0.05	1.36	
	Total Quantity								97.86	Cum
	Quantity Carried to Summary								97.86	Cum

C/F

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub Division
BBMP

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements Roads and Drains at Vikasa Badavane Main and Cross Roads in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.G. Venkate Gowda

Item No.	12									
Item Name:	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications. Clause 503 of MORTH V revision (KPWD SR 2018-19, Page No.158, Item No.21.7)									

SL NO	CHAINAGE		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:				17-05-2022						
Existing Road										
33rd Cross 4th Main Road in Vishweshwaraiah Layout, Maruthinagara										
	0.00	15.00	1	15.00	5.20	5.40	5.30		79.50	
	15.00	30.00	1	15.00	5.40	5.45	5.43		81.38	
	30.00	45.00	1	15.00	5.45	5.40	5.43		81.38	
	45.00	60.00	1	15.00	5.40	5.30	5.35		80.25	
	60.00	75.00	1	15.00	5.30	5.30	5.30		79.50	
	75.00	90.00	1	15.00	5.30	5.50	5.40		81.00	
	90.00	105.00	1	15.00	5.50	5.50	5.50		82.50	
	105.00	120.00	1	15.00	5.50	5.35	5.43		81.38	
1st Cross Road from 4th Main Road to Dead end in Maruthinagara										
	0.00	15.00	1	15.00	3.70	3.55	3.63		54.38	
	15.00	30.00	1	15.00	3.55	3.40	3.48		52.13	
	30.00	45.00	1	15.00	3.40	3.00	3.20		48.00	
	45.00	60.00	1	15.00	3.00	3.90	3.45		51.75	
	60.00	64.70	1	4.70	3.90	3.90	3.90		18.33	
3rd Cross Road from 4th Main Road to Dead end in Maruthinagara										
	0.00	15.00	1	15.00	4.10	3.40	3.75		56.25	
	15.00	30.00	1	15.00	3.40	4.00	3.70		55.50	
	30.00	45.00	1	15.00	4.00	3.60	3.80		57.00	
	45.00	60.00	1	15.00	3.60	3.20	3.40		51.00	
	60.00	75.00	1	15.00	3.20	4.35	3.78		56.63	
	75.00	90.00	1	15.00	4.35	3.70	4.03		60.38	
	90.00	105.00	1	15.00	3.70	4.20	3.95		59.25	
	105.00	120.00	1	15.00	4.20	4.00	4.10		61.50	

C&FC

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

SL NO	CHAINAGE		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
	120.00	127.20	1	7.20	4.00	4.20	4.10		29.52	
	127.20	127.20	1	0.00	4.20	5.80	5.00		0.00	
	127.20	142.20	1	15.00	5.80	5.40	5.60		84.00	
	142.20	157.20	1	15.00	5.40	5.00	5.20		78.00	
	157.20	168.10	1	10.90	5.00	3.40	4.20		45.78	
5th Main Road Upto 5th Cross Road in Maruthinagara										
	0.00	15.00	1	15.00	4.90	4.60	4.75		71.25	
	15.00	27.90	1	12.90	4.60	5.00	4.80		61.92	
	27.90	34.70	1	6.80						3rd Cross
	34.70	34.70	1	0.00	4.70	4.70	4.70		0.00	
	34.70	49.70	1	15.00	4.70	4.25	4.48		67.13	
	49.70	58.30	1	8.60	4.25	4.20	4.23		36.34	
	58.30	64.10	1	5.80						4th Cross
	64.10	64.10	1	0.00	3.60	3.60	3.60		0.00	
	64.10	79.10	1	15.00	3.60	4.20	3.90		58.50	
	79.10	95.10	1	16.00	4.20	4.20	4.20		67.20	
5th Cross Road from Dead end to 5th Main Road in Maruthinagara										
	0.00	15.00	1	15.00	4.00	4.10	4.05		60.75	
	15.00	30.00	1	15.00	4.10	4.00	4.05		60.75	
	30.00	45.00	1	15.00	4.00	4.25	4.13		61.88	
	45.00	60.00	1	15.00	4.25	3.80	4.03		60.38	
	60.00	75.00	1	15.00	3.80	3.75	3.78		56.63	
	75.00	90.00	1	15.00	3.75	4.15	3.95		59.25	
	90.00	105.00	1	15.00	4.15	4.00	4.08		61.13	
	105.00	120.00	1	15.00	4.00	3.60	3.80		57.00	
	120.00	135.00	1	15.00	3.60	4.00	3.80		57.00	
	135.00	150.00	1	15.00	4.00	4.00	4.00		60.00	
	150.00	165.00	1	15.00	4.00	4.50	4.25		63.75	
	165.00	168.00	1	3.00	4.50	4.00	4.25		12.75	
	Total Quantity								**2599.84**	**Sqm**
	Quantity Carried to Summary								**2599.84**	**Sqm**

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer
Yelahanka Sub Division
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements Roads and Drains at Vikasa Badavane Main and Cross Roads in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.G. Venkate Gowda

Item No.	13

Item Name: Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015. – do – using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic) (KPWD SR 2018-19, Page No.162, Item No.21.78.12)

SL NO	CHAINAGE		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:				17-05-2022						
Existing Road										
3rd Cross 4th Main Road in Vishweshwaraiah Layout, Maruthinagara										
	0.00	15.00	1	15.00	5.20	5.40	5.30	0.04	3.18	
	15.00	30.00	1	15.00	5.40	5.45	5.43	0.04	3.26	
	30.00	45.00	1	15.00	5.45	5.40	5.43	0.04	3.26	
	45.00	60.00	1	15.00	5.40	5.30	5.35	0.04	3.21	
	60.00	75.00	1	15.00	5.30	5.30	5.30	0.04	3.18	
	75.00	90.00	1	15.00	5.30	5.50	5.40	0.04	3.24	
	90.00	105.00	1	15.00	5.50	5.50	5.50	0.04	3.30	
	105.00	120.00	1	15.00	5.50	5.35	5.43	0.04	3.26	
1st Cross Road from 4th Main Road to Dead end in Maruthinagara										
	0.00	15.00	1	15.00	3.70	3.55	3.63	0.04	2.18	
	15.00	30.00	1	15.00	3.55	3.40	3.48	0.04	2.09	
	30.00	45.00	1	15.00	3.40	3.00	3.20	0.04	1.92	
	45.00	60.00	1	15.00	3.00	3.90	3.45	0.04	2.07	
	60.00	64.70	1	4.70	3.90	3.90	3.90	0.04	0.73	
3rd Cross Road from 4th Main Road to Dead end in Maruthinagara										
	0.00	15.00	1	15.00	4.10	3.40	3.75	0.04	2.25	
	15.00	30.00	1	15.00	3.40	4.00	3.70	0.04	2.22	
	30.00	45.00	1	15.00	4.00	3.60	3.80	0.04	2.28	
	45.00	60.00	1	15.00	3.60	3.20	3.40	0.04	2.04	
	60.00	75.00	1	15.00	3.20	4.35	3.78	0.04	2.27	
	75.00	90.00	1	15.00	4.35	3.70	4.03	0.04	2.42	
	90.00	105.00	1	15.00	3.70	4.20	3.95	0.04	2.37	

C&FC

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

SL NO	CHAINAGE		NO	L (m)	B1 (m)	B2 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
	105.00	120.00	1	15.00	4.20	4.00	4.10	0.04	2.46	
	120.00	127.20	1	7.20	4.00	4.20	4.10	0.04	1.18	
	127.20	127.20	1	0.00	4.20	5.80	5.00	0.04	0.00	
	127.20	142.20	1	15.00	5.80	5.40	5.60	0.04	3.36	
	142.20	157.20	1	15.00	5.40	5.00	5.20	0.04	3.12	
	157.20	168.10	1	10.90	5.00	3.40	4.20	0.04	1.83	
	5th Main Road Upto 5th Cross Road in Maruthinagara									
	0.00	15.00	1	15.00	4.90	4.60	4.75	0.04	2.85	
	15.00	27.90	1	12.90	4.60	5.00	4.80	0.04	2.48	
	27.90	34.70	1	6.80						3rd Cross
	34.70	34.70	1	0.00	4.70	4.70	4.70	0.04	0.00	
	34.70	49.70	1	15.00	4.70	4.25	4.48	0.04	2.69	
	49.70	58.30	1	8.60	4.25	4.20	4.23	0.04	1.45	
	58.30	64.10	1	5.80						4th Cross
	64.10	64.10	1	0.00	3.60	3.60	3.60	0.04	0.00	
	64.10	79.10	1	15.00	3.60	4.20	3.90	0.04	2.34	
	79.10	95.10	1	16.00	4.20	4.20	4.20	0.04	2.69	
	5th Cross Road from Dead end to 5th Main Road in Maruthinagara									
	0.00	15.00	1	15.00	4.00	4.10	4.05	0.04	2.43	
	15.00	30.00	1	15.00	4.10	4.00	4.05	0.04	2.43	
	30.00	45.00	1	15.00	4.00	4.25	4.13	0.04	2.48	
	45.00	60.00	1	15.00	4.25	3.80	4.03	0.04	2.42	
	60.00	75.00	1	15.00	3.80	3.75	3.78	0.04	2.27	
	75.00	90.00	1	15.00	3.75	4.15	3.95	0.04	2.37	
	90.00	105.00	1	15.00	4.15	4.00	4.08	0.04	2.45	
	105.00	120.00	1	15.00	4.00	3.60	3.80	0.04	2.28	
	120.00	135.00	1	15.00	3.60	4.00	3.80	0.04	2.28	
	135.00	150.00	1	15.00	4.00	4.00	4.00	0.04	2.40	
	150.00	165.00	1	15.00	4.00	4.50	4.25	0.04	2.55	
	165.00	168.00	1	3.00	4.50	4.00	4.25	0.04	0.51	
	Total Quantity								103.99	Cum
	Quantity Carried to Summary								103.99	Cum

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub Division
Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements Roads and Drains at Vikasa Badavane Main and Cross Roads in Kempegowda Ward No-01 of Yelahanka Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri.G. Venkate Gowda

Item No.	14							
Item Name:	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 (KPWD SR 2018-19, Page No.182, Item No.24.15)							
SL NO	CHAINAGE		NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:				3/11/2021				
Lane Marking								
Sides								
	33rd Cross 4th Main Road in Vishweshwaraiah Layout, Maruthinagara							
	0.00	15.00	2.5	15.00	0.10		3.75	
	15.00	30.00	2.5	15.00	0.10		3.75	
	30.00	45.00	2.5	15.00	0.10		3.75	
	45.00	60.00	2.5	15.00	0.10		3.75	
	60.00	75.00	2.5	15.00	0.10		3.75	
	75.00	90.00	2.5	15.00	0.10		3.75	
	90.00	105.00	2.5	15.00	0.10		3.75	
	105.00	120.00	2.5	15.00	0.10		3.75	
	1st Cross Road from 4th Main Road to Dead end in Maruthinagara							
	0.00	15.00	2	15.00	0.10		3.00	
	15.00	30.00	2	15.00	0.10		3.00	

C&FC.

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

SL NO	CHAINAGE		NO	L	Avg B	Avg D	QTY	REMARKS
				(m)	(m)	(m)		
	60.00	75.00	2	15.00	0.10		3.00	
	75.00	90.00	2	15.00	0.10		3.00	
	90.00	105.00	2	15.00	0.10		3.00	
	105.00	120.00	2	15.00	0.10		3.00	
	120.00	135.00	2	15.00	0.10		3.00	
	135.00	150.00	2	15.00	0.10		3.00	
	150.00	165.00	2	15.00	0.10		3.00	
	165.00	168.00	2	3.00	0.10		0.60	
	Total Quantity						126.66	Sqm
	Quantity Carried to Summary						126.66	Sqm

Asst Engineer
Ward No.01
BBMP

Asst. Executive Engineer
Yelahanka Sub Division
BBMP

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Yelahanka Sub. Divison
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Yelahanka, Bangalore